

### President's Corner.....

## YOUTH IN HAM RADIO

Field Day is fast approaching, later this month, on June 28th & 29th. One of the many components that I enjoy about Field Day is the opportunity to talk to the public about the many facets of our hobby...especially to kids. One of my favorite photos from Field Day last year is the one I posted on the SBARA Yahoo Group with Umesh (K6VUG) talking to some children, and parents, about working Satellites.

I have been doing some research to learn more about how I can help promote the hobby to youngsters, both as an individual and with SBARA. I started by contacting Carole Perry (WB2MGP), Columnist [WorldRadio Online](#), Retired NYC teacher, Chair [Radio Club of America](#) Youth Activities Program. Promoting HAM radio with kids is her passion! The Youth Activities program is pretty cool in that it helps get radios donated to schools. Carnegie Mellon recently benefited by getting radios donated through the program. Carol also hosts youth panels and forums around the world. She hosted the Youth Panel at Pacificon last year and may be doing so again this year. The aim of the Youth Forums is to highlight creatively technical young hams. The Youth Panel she did at Pacificon had several college students who spoke of their amateur radio club, a 12-year-old whom she invited to her Dayton forum, and a former young presenter who is now the president of the amateur radio club at Stanford University. The purpose of these forums is to inspire other young people to get involved and to consider technical pursuits.

Carol told me that, "The main reason for the kids I meet to get licensed are they are from ham families or they've gotten exposed to it in school. There's

a camaraderie and a service aspect to it that social media doesn't have. They also enter the job market being much better trained than others in technology." An aspect that I didn't consider was how the hobby influences career paths. In addition to Carol's comment, I found many references online where youngster's career paths followed a technical path due, in part, to their involvement in HAM radio.

I have also reached out to Debra Johnson, ARRL Education Services Manager to obtain more information about youth in HAM radio. From what I understand, youth licenses are on the rise. As I poked around the ARRL website, I found a web page dedicated to Youth Outreach at <http://www.arrl.org/outreach-to-youth>. There, you will find information on Helping Kids Discover Morse code, Amateur Radio and Scouting, Outreach to Teachers and Schools, and other stories and resources. I intend to send an invitation to the Fremont School district to share with teachers to promote Field Day this year.

Speaking of youth in HAM radio...are you aware of the Youth Net every Saturday at 14:00 (local time) on the N6NFI Repeater, 145.230 MHz, negative offset, PL 100 Hz OR via Echolink nodes KR6DD-R (271122) or N6WN-R (477737)? Participation on this Net has been a bit sparse lately. If you have a son, daughter, niece, nephew, or neighbor, why not be the control operator and help them get on the air for this Net? It's a great opportunity for kids to get on the air and may be just the catalyst they need to get involved in the hobby!

Please contact me if you have any further ideas or wish to get involved with promoting HAM radio with youngsters!

Steve (KG6HJU), SBARA President  
[kg6hju@arrl.net](mailto:kg6hju@arrl.net)

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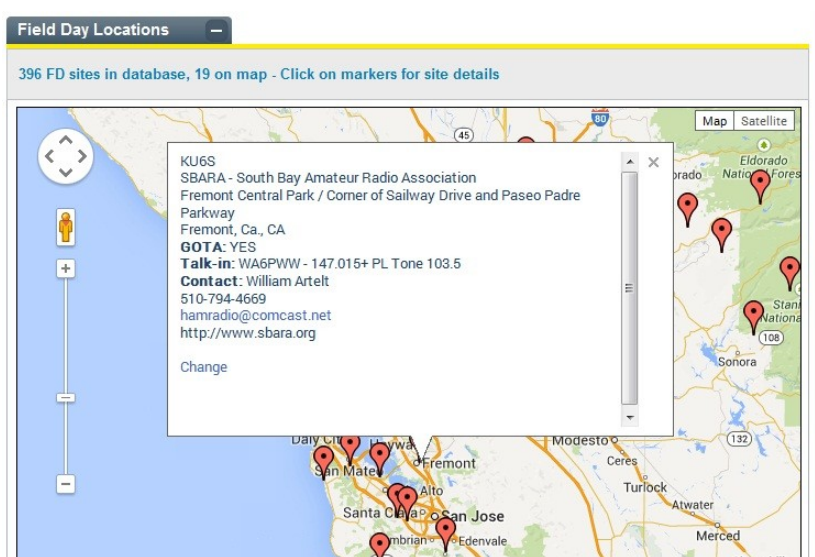
# SBARA Field Day 2014—Experience the Excitement

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## SBARA FIELD DAY 2014 June 28<sup>th</sup> & 29<sup>th</sup> Experience the Excitement of Amateur Radio

Bring your friends and family by for a chance to make a radio contact and get a certificate. No special license or training is required as licensed operators will be on hand to help out. Radio Operations start at 11am Saturday and continue through the night until 10am Sunday morning. Thousand of contacts will be made during that time with other stations from across the United States and around the world, using voice, Morse Code and digital communications.

*Demonstration of making contacts via the International Space Station digital transponder and possibly other Amateur Satellites is planned.*



### Editors Note

The Newsletter contains the SBARA Press Releases that will be used to inform the City, News Press, Police and Fire to come visit our Field Day Installation!

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## SBARA Field Day 2014—June 27th., 28th., and 29th.

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### 2014 SBARA FIELD DAY JUNE 27<sup>th</sup> , 28<sup>th</sup> & 29<sup>th</sup> – JOIN THE FUN

The planning team is counting down to this weekend. Most of the planning has been completed...with just a few loose ends. Here is a list of what we still need. Can you bring any of these items?

One 8-foot stepladder that is sturdy and stable. We have one but need two to put up 20M YAGI on Friday and take it down on Sunday.

Five tables. Ones like the 30-inch wide by six feet long plastic folding tables that are now popular. These will save the club the expense and effort of going to Stewart Rentals in Milpitas and picking up tables and then returning them on Monday. This request is to provide some table seating for the picnic Saturday.

Remember to bring your chair for the picnic seating.

Your help on Friday morning will be greatly appreciated, especially by the 'old timers' like me! It gets harder to do all the work as you approach the 'old timer' status. hi hi

Bring a hat or sun block or both for protection from the sun. If you do not work out in the sun every day you will get sunburn without one of them. Also, a pair of gloves to protect you hand from rope burns if you get assigned to holding an antenna mast guideline. It is a good idea to bring a jacket if the wind comes up and it gets cool. We will be serving lunch at or around 2:00 pm for all the workers. SBARA will provide Subway type sandwiches.

Saturday morning Field Day begins at 11:00 am. Plan to operate HF. Bring the family and any friends you think may enjoy the picnic and a chance for them to get on the air. Yes, we will have a GOTA station.

Picnic for everyone starts around noon on Saturday. Don N6DA has planned a great menu. The best way to thank him is to come to the picnic and help all the food disappear! Don plans to bring in BBQ chicken, pulled pork, vegetarian lasagna, baked beans, lemonade and desert.

You will have plenty of opportunity to operate. 2013 Field Day - KU6S 4A East Bay:

**80M - Greg WY6P Captain**

**40M - Steve KA6S Captain**

**20M – Bernhard Hailer AE6YN Captain**

**15M - Deborah AG6HJ Captain**

**10M - Lloyd N6DOK Captain**

**VHF –UHF - ARES**

See you on Friday for setup, picnic on Saturday and operating on Saturday and Sunday.

73,

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## Emergency Management—Finds Amateur Radio

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**ATLANTA** – Seeking reliable backup communication in a crisis, emergency managers are finding new solutions in an old technology: ham radio.

“It’s just another avenue, another opportunity for us to be able to communicate,” said Herb Schraufnagel, public safety captain with Emory University Hospital Midtown.

Emory HealthCare is among a growing number of hospital systems to adopt ham radio. Hospital administrators and government officials took a lesson from Hurricane Katrina, which left some Gulf Coast medical centers isolated from the outside world, as landlines and cell towers failed.

When power, phone and Internet services go down, a battery-powered amateur radio and portable antenna can provide that crucial link to the outside world. “Ham radio will never die,” said Barry Thomas, Sr., a ham radio enthusiast and employee at Emory University Hospital Midtown. “The quickest means of communication is Morse Code. It’ll get out when none of this will,” Thomas said, referring to a room filled with computers and smartphones. “It is interesting that some of the technology that has been around for 80, 90, 100 years is still relevant,” said John Davis, a ham radio enthusiast. In addition to major hurricanes, Davis says the terrorist attacks of September 11, 2001 rekindled interest in ham radio as a public safety tool.

The Georgia Emergency Management Agency (GEMA) has set up a permanent ham radio station in its command center. “We look at ham radio operators just like GEMA staff, just like DOT staff and Georgia State Patrol staff,” said GEMA Director Charlie English. “They are a critical partner with us.”

The number of ham radio licenses is at an all-time high in the U.S. (723,182, as of April, according to Federal Communications Commission (FCC) data compiled by Joe Speroni of the Amateur Radio Education Web Site, [ah0a.org](http://ah0a.org). “I really hope that it stays relevant and that we can be a resource to emergency management agencies,” enthusiast Davis said. “Because I think that is where ham radio shines.”

Fox News producer David Lewkowick contributed to this article.

Jonathan Serrie joined Fox News Channel (FNC) in April 1999 and currently serves as a correspondent based in the Atlanta bureau.

**Get Ready for Field Day  
June 28-29**

**Mark your calendars - Save the Date - June 28-29.**

**SBARA Field Day will be held at Central Park at the corner of Sailway Drive and Paseo Padre Parkway. in Fremont. Field Day is always a good time, and this year we will be running high-power from our stations. We will Also have our City famous picnic so be ready for the pile-ups!**

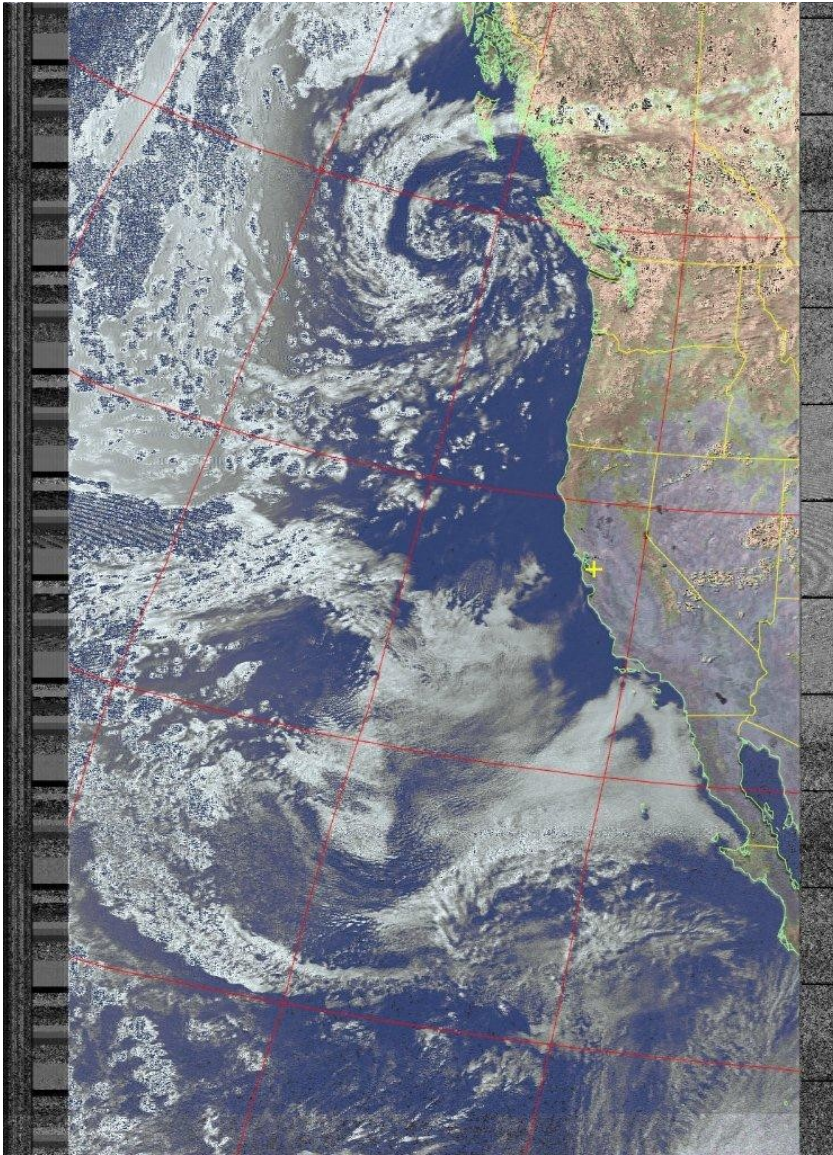
**We encourage all members to invite guests to Field Day - especially young people - to show them what fun ham radio can be.**



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## Eastern Pacific Photo

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This photo of the Eastern Pacific and the West Coast of the United States provided for your viewing pleasure by Umesh K6VUG

This image of Weather was taken on May 26, 2014 and was recorded using an ICOM IC7000.

Pretty Neat. Thanks Umesh!!



SBARA Membership meeting at 7:30 PM this Friday, June 13th. Meetings are held at Hurricane Electric on Mission Court off Warm Springs Blvd. We meet for a 6:00 PM pre-meeting dinner at Ho Chow Restaurant, On Warm Springs Blvd at Gable Drive. Check the SBARA website for addresses and details.

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## SBARA Weekly Nets—Voice and CW Action!!

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### The Slow CW Net

Every Thursday and Sunday night at 7:30 pm, Thursday on 144.230 MHz and Sunday on 7.057MHz +/- 3 kHz

You need an “all-mode” transceiver in order to participate in this Net.

The net has now its own email address. Please contact us here:

“SF Bay CW Enthusiasts” <sf-bay-cw-enthusiasts at googlegroups.com>

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Bernhard AE6YN

### Monday SBARA Net

The SBARA net is take place....Every Monday night at 7:30 pm on the WA6PWW repeater, 147.015 MHz, positive offset, PL (if enabled) 103.5 Hz.

Topics are club related things, projects you're working on and so on. It's a chat net. We need net control operators. If you'd like to be net control, let us know during the next net

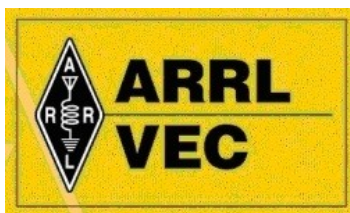
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Bernhard AE6YN

## SBARA VE Testing Schedule

Exam Dates are listed on the SBARA Website at: [www.sbara.org](http://www.sbara.org) and on the left-hand side of the vertical navigation listing and then select License Exams. All of the Exam dates are listed within this data window.

Exams will be administered at Hurricane Electric, 48233 Warm Springs Blvd., Fremont. Contact: Greg Miller, wy6p at arrl dot net for info. \$15 fee, bring a photo ID. Walk-ins allowed.





### SBARA - Groundplane

The Groundplane is published monthly by the South Bay Amateur Radio Association. Articles and letters are always welcome. The normal deadline for material is the 25th day of each month for the next month's news-letter. Articles can be sent by email to hamradio at Comcast dot net or via U.S. Mail. Contact the Editor for details and submission guidelines.

### June Field Day Meeting

**June 13th., 2014 at 7:30pm Hurricane Electric, Fremont**

### Amateur License Exams

**ARRL VEC— June 10th., @ 6:30 pm at Hurricane Electric – 48233 Warm Springs Blvd. Fremont. Contact: Greg , ae6yn at arrl dot net for info. \$15 fee.**

**Additional information is described on our Website, [www.sbara.org](http://www.sbara.org)**

**Select License Exams from the Navigation URL.**

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## **Are you looking for your favorite Repeater? Here is information you can use!**

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WA6PWW — 147.015 + 600Khz, PL 103.5

WA6PWW —223.900—500Khz, PL 107.2

WA6PWW —442.600 +5Mhz, PL107.2

K6AIR—146.940—600Khz, PL 123.0

K6AIR—441.525 +5Mhz, PL 123.0

ARES Net Meeting —Tuesday Evenings  
@ 7:30pm on 147.015+600Khz, PL 103.5





## **For Immediate Release**

### **For additional information contact:**

Al Rendon, WT6K, Affairs Officer

[South Bay Amateur Radio Association – SBARA](#)

[WT6K@arrl.net](mailto:WT6K@arrl.net)

## **“Celebrating 100 Years of Amateur Radio!” Public Demo of Emergency Communications June 28 and 29**

**Fremont, Ca. June 15, 2014** – Despite the Internet, cell phones, email and modern communications, every year whole regions find themselves in the dark. Tornadoes, fires, storms, ice and even the occasional cutting of fiber optic cables leave people without the means to communicate. In these cases, the one consistent service that has never failed has been Amateur Radio. These radio operators, often called “hams” provide backup communications for everything from the American Red Cross to FEMA and even for the International Space Station. Your Fremont “hams” will join with thousands of other Amateur Radio operators showing their emergency capabilities this weekend. *Field Day is part educational event, part operating event, part public relations event – and ALL about FUN!*

Over the past year, the news has been full of reports of ham radio operators providing critical communications during unexpected emergencies in towns across America including; California wildfires, winter storms, tornadoes and other events world-wide. When trouble is brewing, Amateur Radio’s people are often the first to provide first-responders and rescuers with critical information and communications.

On the weekend of June 28-29, the public will have a chance to meet and talk with Fremont ham radio operators and see for themselves what the Amateur Radio Service is about as hams across the USA will be holding public demonstrations of emergency communications abilities. This annual event, called “Field Day” is the climax of the week long “Amateur Radio Week” sponsored by the ARRL, the national association for Amateur Radio. Using only emergency power supplies, ham operators will construct emergency stations in parks, shopping malls, schools and backyards around the country.

Their slogan, **“On The Air From Everywhere”** is more than just words to the hams as they prove they can send messages in many forms without the use of phone systems, internet or any other infrastructure that can be compromised in a crisis. More than 35,000 amateur radio operators across the country participated in last year’s event. “The fastest way to turn a crisis into a total disaster is to lose communications,” said Allen Pitts of the ARRL. “From the earthquake and tsunami in Japan to tornadoes in Oklahoma and Missouri, ham radio provided the most reliable communication networks in the first critical hours of the events.



Because ham radios are not dependent on the Internet, cell towers or other infrastructure, they work when nothing else is available. We need nothing between us but air.” In the **Tri-City Area, the South Bay Amateur Radio Association** will be demonstrating Amateur Radio at *Lake Elizabeth, Fremont* at the corner of Paseo Padre Parkway and Sailway Drive *June 28<sup>th</sup> and 29<sup>th</sup>*. They invite the public to come and see ham radio’s new capabilities and learn how to get their own FCC radio license before the next disaster strikes.

Amateur Radio is growing in the US. There are now over 722,000 Amateur Radio licensees in the US, and more than 2.5 million around the world. Through the ARRL’s Amateur Radio Emergency Services program, ham volunteers provide both emergency communications for thousands of state and local emergency response agencies and non-emergency community services too, all for free. To learn more about Amateur Radio, go to [www.arrl.org](http://www.arrl.org). The public is most cordially invited to come, meet and talk with the hams. See what **modern** Amateur Radio can do. They can even help you get on the air!

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For additional information contact:  
Al Rendon, WT6K, Affairs Officer  
South Bay Amateur Radio Association – SBARA  
[WT6K@arri.net](mailto:WT6K@arri.net)

Mr. Bill Harrison, Mayor City of Fremont  
City of Fremont  
3300 Capitol Ave.  
Fremont, CA 94538

## **Celebrating 100 Years of Amateur Radio**

**Subject: Invitation to Meet with the South Bay Amateur Radio Association June 28th. or 29th., 2014**

**Dear Mayor Harrison:**

As Public Information Officer of the South Bay Amateur Radio Association I am writing to cordially invite you to meet with the Amateur Radio operators of your community and members of SBARA at our Field Day Location on June 28 or 29 between time and time. This is the National Field Day for Amateur Radio. Throughout the country, ham radio operators will be setting up radio stations in unusual locations and making contact with others as a display of their emergency communications capabilities.

In the past year alone, ham radio's people have made headlines with their work in the wildfires, floods, storms, tornadoes and other crises. The hams provide emergency communications for many government and civic organizations in disasters.

In addition, they provide supplemental communications when normal systems are rendered inoperable or overloaded. Hams have been called (and correctly), "The people behind the curtain that made the heroes look good." Like most communities, Fremont doesn't expect a major emergency. But they happen, and losing communications quickly can turn an emergency into a real disaster.

We will be inviting the press to drop by, and will have brochures, information packets and other materials made available through the ARRL, the national association for Amateur Radio, explaining our work.

I hope that this plan meets with your approval and look forward to your visiting this event. It should be fun and is also a validation to the hundreds of Amateur Radio volunteers who have spent thousands of hours providing emergency communications, public service work and other benefits throughout our community and region.

If you need more information or would like to confirm your visit please contact me.

Sincerely,  
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